Test Report
Aggregate Gradation

Project Name	Intimation of work order to start the work of Improvements roads and footpath in ward no.02 of Yelahanka Sub Division.
Client	Executive Engineer, Yelahanka Division
Job No	TFU/BBMP/EE/YNK/PMC/W-2/P-3296/2018-19/01/QR
Mix Type	Granular sub Base
Contractor	Sri. N. Rajanna
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	bay
Material	Coarse Aggregates
Sample No	1
Date	20-Mar-2019

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	75	0.00	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Specification for GSB
2	53	399.00	9.98	9.98	90.02	80-100	
3	26.5	704.00	17.60	27.58	72.42	55-90	
4	9.5	897.00	22.43	50.01	49.99	35-65	
5	4.75	393.00	9.83	59.84	40.16	25-55	
6	2.36	399.00	9.98	69.82	30.18	20-40	
7	0.425	701.00	17.53	87.35	12.65	10-15	
8	0.075	397.00	9.93	97.28	2.72	<5	

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Note:

i. The results indicated above are based on the tests carried out on the sample at site.

ii. The results relate only to the items tested.

iii. This test report should not be reproduced except in full, without written approval of this laboratory.

iv. Any query regarding the report must be reported immediately.

For Team For You

TEAM FOR YOU BANGALORE

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AE-02

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Test Report
Impact test

Project Name	Intimation of work order to start the work of Improvements roads and footpath in ward no.02 of Yelahanka Sub Division.
Client	Executive Engineer, Yelahanka Division
Job No	TFU/BBMP/EE/YNK/PMC/W-2/P-3296/2018-19/01/QR
Mix Type	Plain cement concrete(1:4:8)
Contractor	Sri. N. Rajanna
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Coarse aggregates
Sample No	1
Date	6-Apr-2019

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1373	1321
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	413	361
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	81	77
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	332	284
6	Aggregate Impact Value (w4 / w3)x100	%	19.61	21.33
7	Specified Limit	%	45.00	

Results: Average Aggregate Impact Value: **20.47** %

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